

ABSTRACT

The present mechanism provides a data driven command line output within an environment that supports a pipeline of object-based commands. Each object-based command inputs a parseable object for processing and outputs another parseable object for subsequent command processing. The mechanism is operative to direct formatting and subsequent processing of the commands based on a type of the incoming parseable object. Format information is obtained for the type, such as shape, properties to display, and the like. The format information may be specified within an XML-based document. The mechanism utilizes one or more output processing commands, such as format commands, markup commands, convert commands, transform commands, and out commands. These output processing commands may be arranged within the pipeline in various ways to achieve the desired output results.